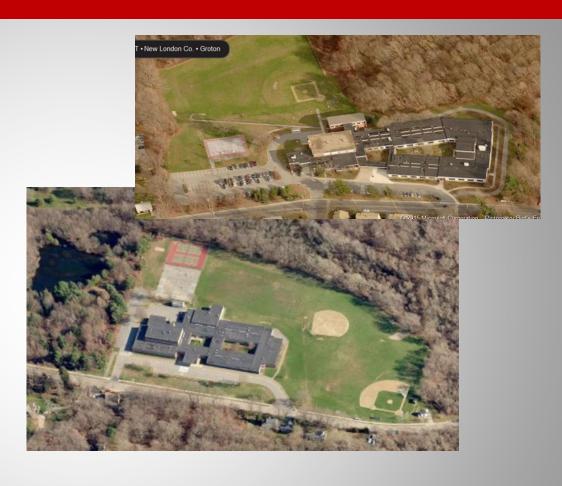


Groton School Facilities Initiative

January 22nd
SFITF
Meeting





Introduction

- Task Force Housekeeping items
- Recap & Discussion of Middle School on Merritt Property
- Cutler & West Side Elementary Conversion
- Enrollment Projections
- Next Steps



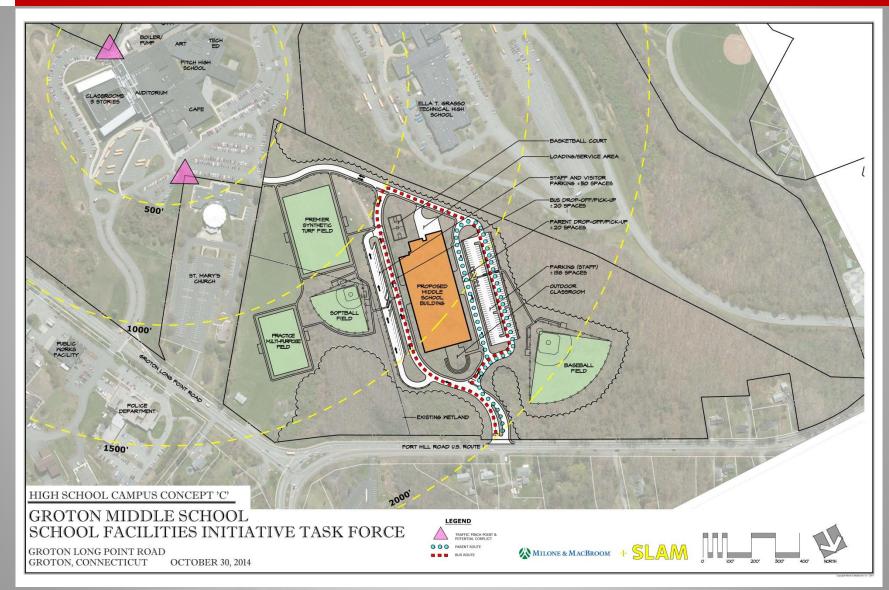


SFITF Housekeeping

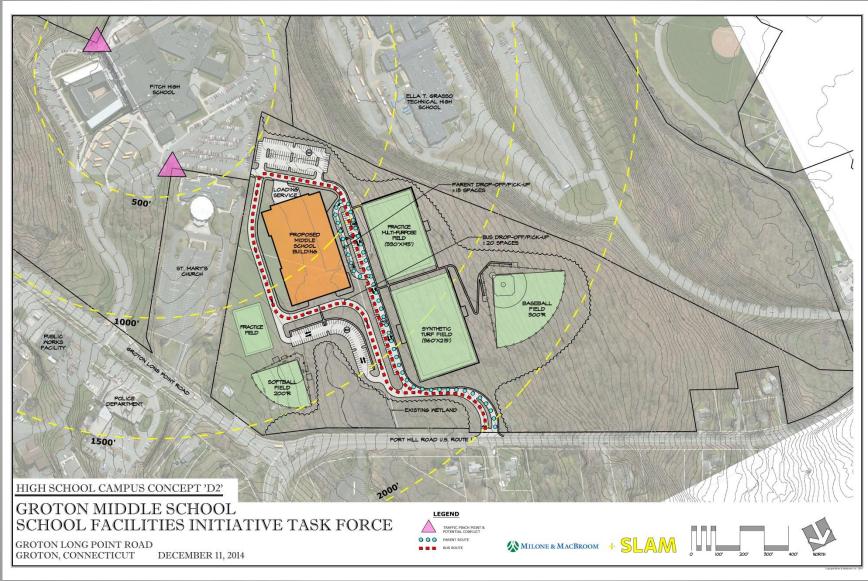
- We need Quorums moving forward
 - Minute approval for last 3 meetings.
 - Action on discussion items from above meetings.

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Option C



Option D





Considerations Option C & D

- Compact bldg. design can be accommodated proximate to High School, works with existing topography
- Wetlands preserved
- Independent access for Middle School with controlled access to High School site
- Middle School site PE/ athletic program has been met
- Existing HS PE/ athletic program preserved and complimented
- Met with DEEP Open Space and Watershed Land Acquisition to Discuss Middle School Concepts and Deed Restrictions.
 - Identified Mechanism and process for conversion of Merritt Property (+/- 35 ac) to a municipal educational use.
 - Continue dialogue with DEEP to develop a conversion agreement if SFITF desires to move forward with Merritt Concept

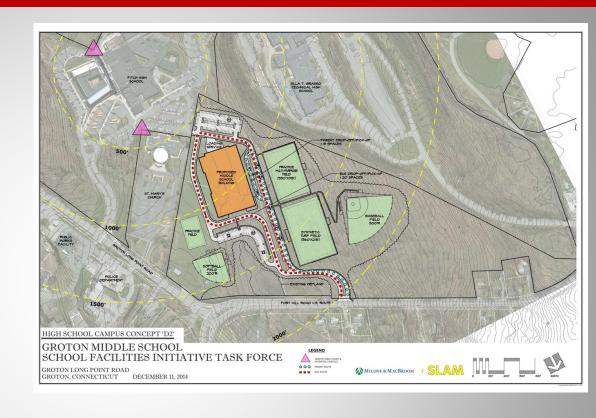




Option D – Moving Forward

- SFITF IdentifiedOption D aspreferred option
- Attendance at

 December 11th
 SFITF meeting from
 BOE, TC, RTM,
 Permanent School
 Building Committee
 & Parks Recreation
 representatives
- Straw Poll of attendees expressed support for moving forward







Cutler & West Side Renovate as Elementary Option





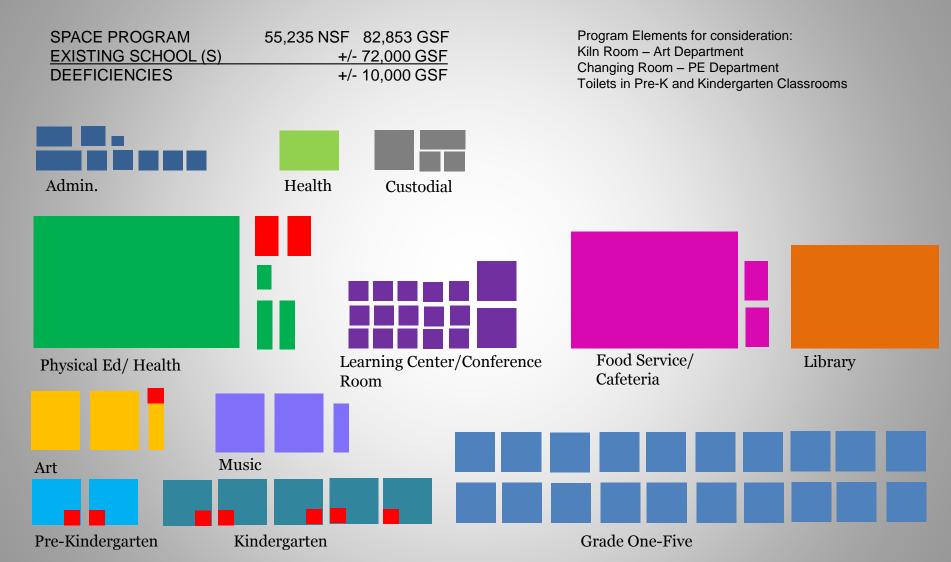
Ed. Spec Program PreK-5 (500)

Academics	23,000
Art	2,600
Music	2,600
Physical Ed	6,200
Auditorium Stage Seating	400
Learning Center/Support Svcs:	4,900
Administration	1,830
Health Offices	1,030
Library Media Center	4,300
Custodial	1,875
Cafeteria	5,600
Misc.	1,300
Subtotal:	55,635 (NSF)
Gross Up (1.5 Multiplier)	27,818
Total Building Area	83,453 (GSF)

MILONE & MACBROOM * 5 AM



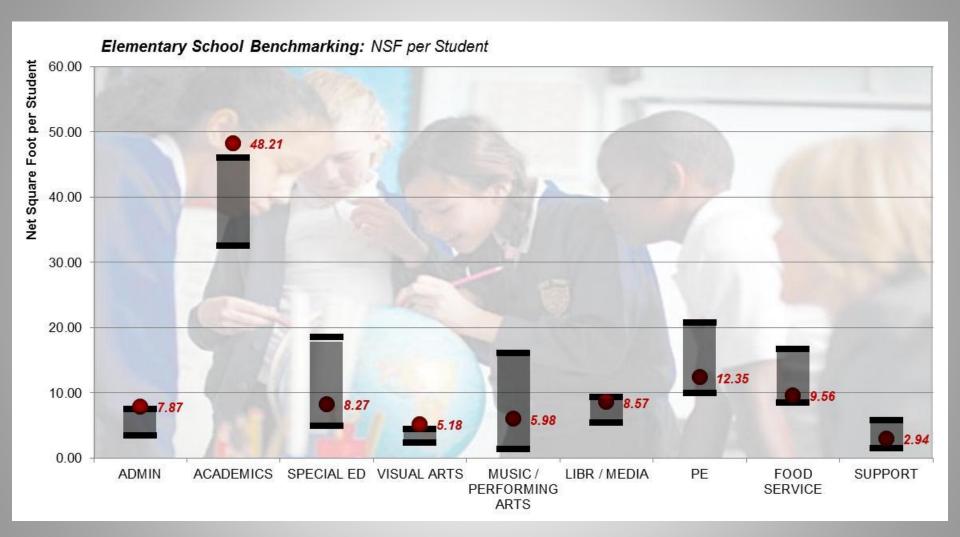
Groton Cutler & Westside ES – Graphic Program







PreK-5 (500) - Benchmarking







PreK-5 (500) – Classroom Count

	Mir	nimum	# Class	srooms	proj	prop					
	PK	K	1-5	Total	enr	capacity	delta				
modified: 2022-23	2	4	19	25	502	558	56				
ed specs: 2022-23	2	5	20	27	502	600	98				
Target	2	5	20	27	502	600	98				
Notes:											
cr	= classroo	m									
Assumptions:											
	- Maximui	m enro	llment in	Pre-K prog	ram = 60	students (ha	If day class				
	- Maximum enrollment range = 472 - 502 students										
	- Maximum classroom occupancy = 22 (grades 1 - 5)										
	- Maximum classroom occupancy = 20 (K)										





CT Space Standards – PreK-5 (500)

OSF Allowable Area:

Ed Spec:

Exterior Walls (~4% of gross):

Adjusted Ed Spec:

Over allowable:

Eligibility Factor:

Reimbursement Rate:

62,300 SF

83,453 GSF

3,350 SF

80,100 SF

17,800 SF

0.77

o.80 (Diversity)

o.58 (Renovate)

Potential Reimbursement:

MILONE & MACBROOM + 5LAW

0.62 (Diversity)?

0.45 (Renovate)



Reimbursement Overview

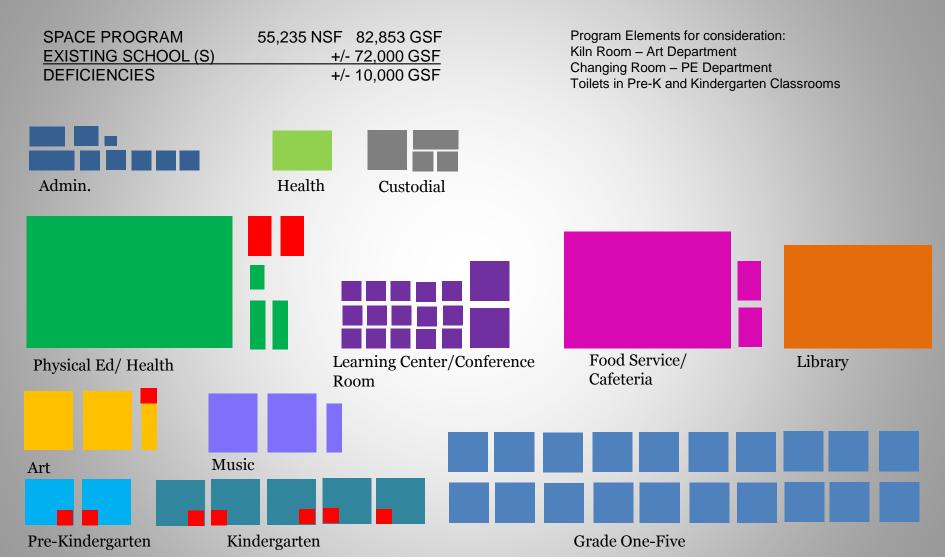
> Groton Reimbursement Rate Trend

	School Construction (20 – 80%)	New School Construction (10 – 70%)				
2012:	57.50	47.50				
2013:	56.79	46.79				
2014:	56.07	46.07				
2015:	58.57	48.57				





Groton Cutler & Westside ES – Graphic Program







Space Spec. Design Priorities

- Configure Space to Minimize Project Cost
- Design Priorities Include:
 - Personalization of learning and teaching spaces
 - > Flexibility in the current and future use of school space
 - Access to appropriate technologies for teaching, learning and management
 - Serving the needs of diverse learners
 - Indoor air quality and overall environmental impact of materials used
 - LEED standards for energy conservation and environmental impact design
 - Potential for adding classroom space at a future date





West Side School





West Side School



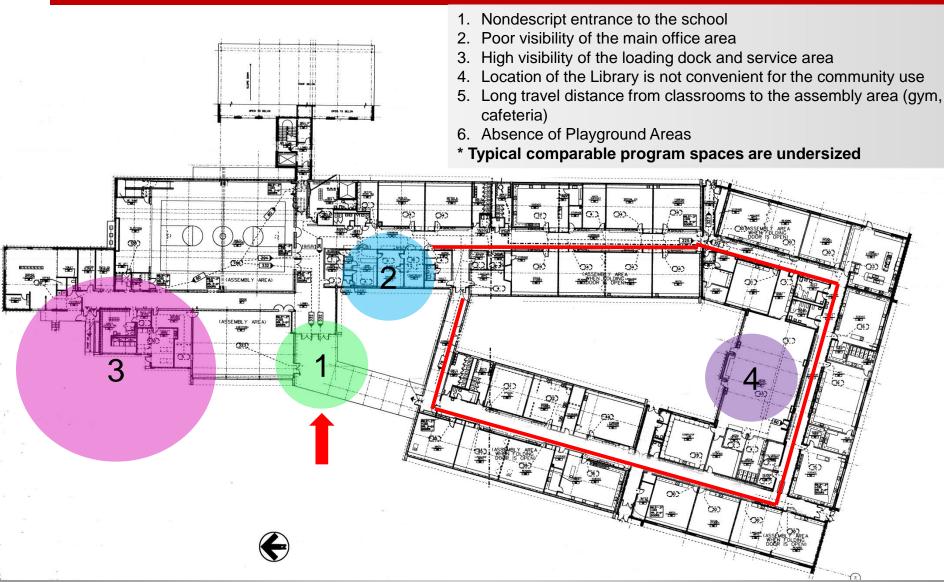


West Side School



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First Impression Westside MS – Existing Floor Plan





First Impression Westside MS – Addition Option 2





Cutler School



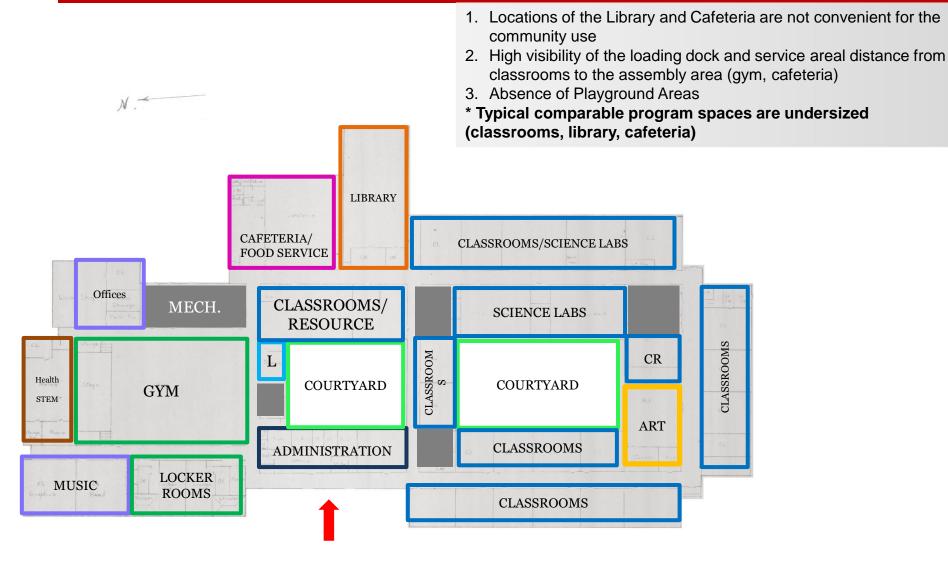


Cutler School



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First Impression Cutler MS – Existing Floor Plan



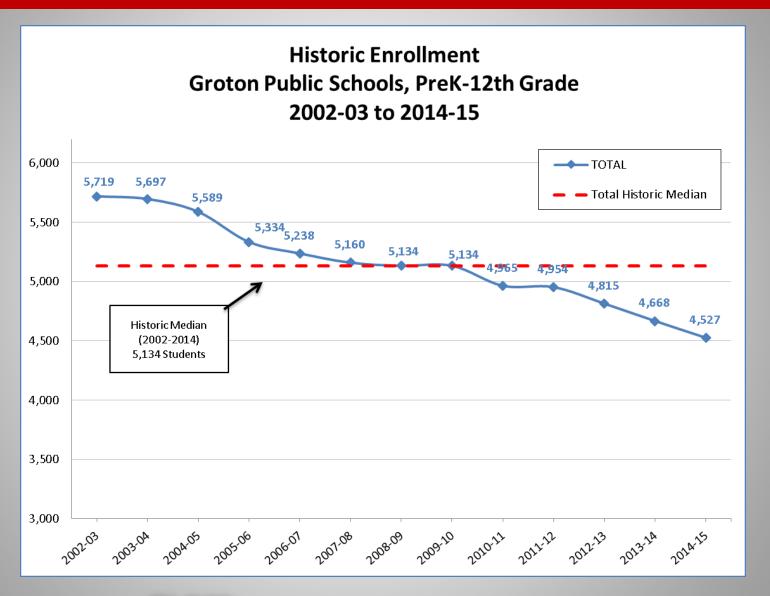


First Impression Cutler MS – Addition Option





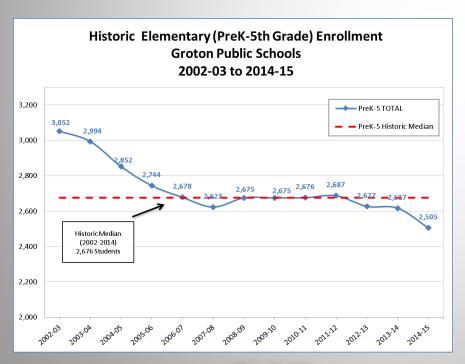
Historic Enrollment



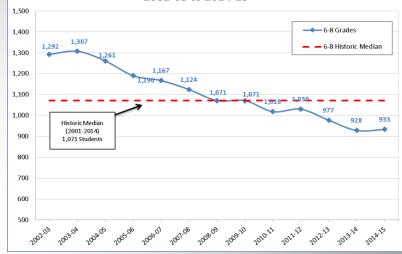


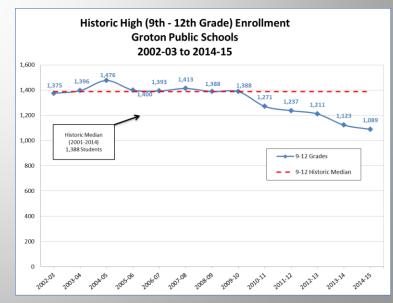
Historic Enrollment

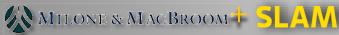
- 2014 Dip in enrollment experienced at elementary school level.
- Middle & High School Fairly Flat for 2nd year in a row.



Historic Middle (6th - 8th Grade) Enrollment Groton Public Schools 2002-03 to 2014-15





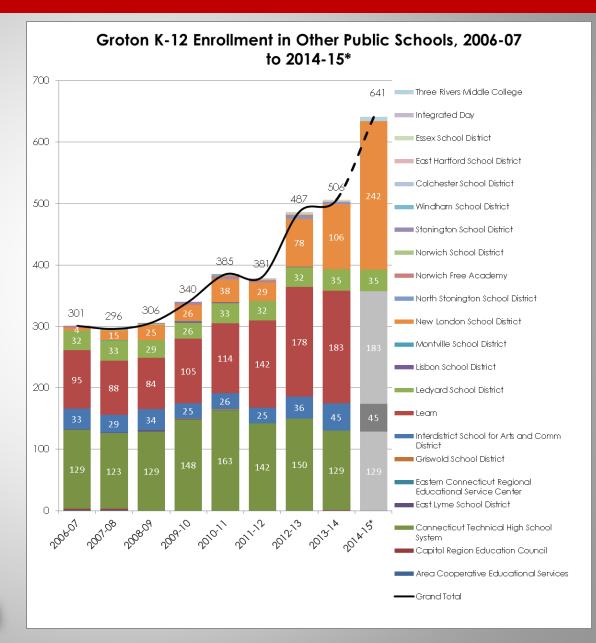




Other Public School Enrollment

- Groton Students

 attending other Public
 Schools has doubled
 since 2008.
- Significant increases in GPS students at NLPS.
 - In 2014, 216 GPS
 students in NLPS
 Magnet
 Elementary
 Schools.
- Impact when NLPS Full Magnet Pathway is Complete?

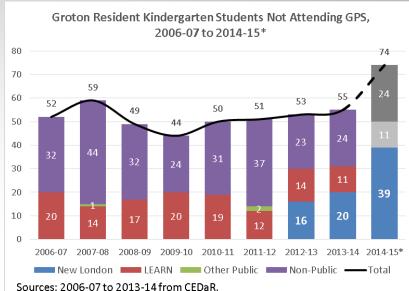






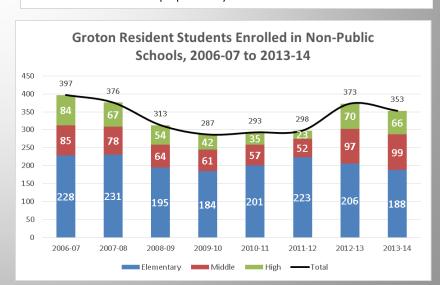
Other Public School Enrollment

- 2014 Enrollment of Groton Resident Kindergarten Students in NLPS has increased = marked increase in K outside of GPS.
- Non-public school enrollment for middle school & high school have roughly doubled since 2011-12.
 - Returning to Pre-Recession levels.
 - Non-Public Elementary still lagging.



*2014-15 data is preliminary data from Groton Public Schools. Missing or incomplete school enrollments are shown in gray with the previous year's

enrollment for illustrative purposes only.

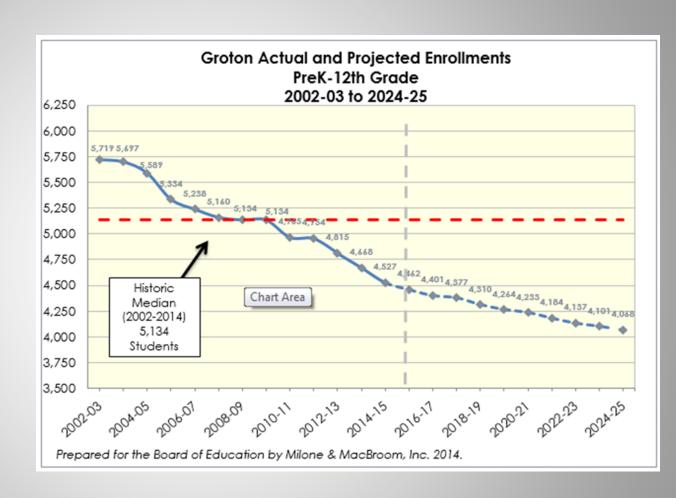






Looking Ahead...Projections

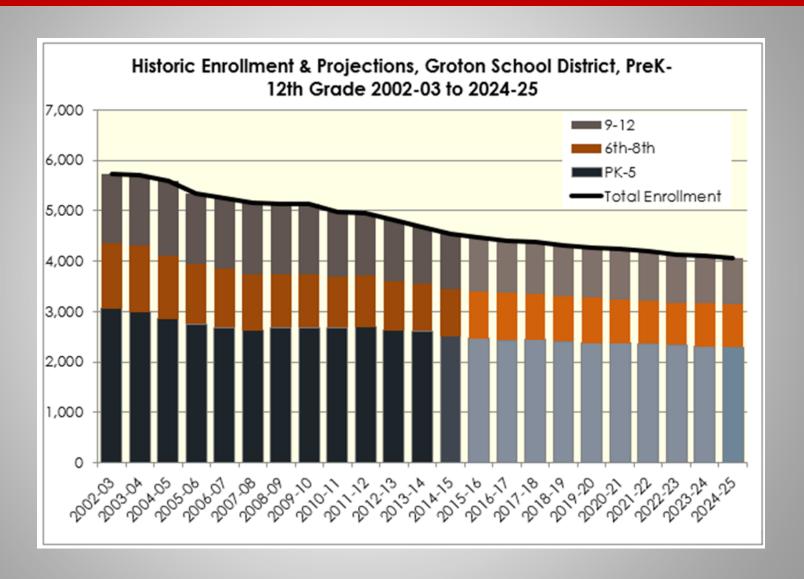
- Projected Slow
 Decline to
 continue as
 larger grade
 cohorts graduate
 and are replaced
 by smaller grade
 cohorts.
- Attributed to recent down-cycle in births and increased out-migration to other public school options







Looking Ahead...Projections





Looking Ahead...Projections

- Projected Slow
 Decline to
 continue as
 larger grade
 cohorts graduate
 and are replaced
 by smaller grade
 cohorts.
- Attributed to recent down-cycle in births and increased out-migration to other public school options

School Year	Birth Year	Births	K	1	2	3	4	5	6	7	8	9	10	11	12	PK
2014-15	2009	592	400	430	400	369	358	351	332	296	305	284	270	277	258	197
2015-16	2010	589	420	379	401	372	351	339	328	319	286	262	280	267	262	197
2016-17	2011	592	422	398	353	372	353	332	317	315	308	246	258	276	252	197
2017-18	2012	630	450	400	371	328	354	335	311	305	304	264	242	255	261	197
2018-19	2013	581	415	426	373	345	312	335	313	299	294	262	260	239	241	197
2019-20	2014	577	412	393	397	347	328	295	314	301	288	253	257	257	226	197
2020-21	2015	573	409	390	366	369	330	310	277	301	290	248	249	254	243	197
2021-22	2016	570	407	387	364	340	351	312	291	266	291	249	244	246	241	197
2022-23	2017	567	404	385	361	338	324	332	292	279	256	250	245	241	232	197
2023-24	2018	563	402	383	359	335	321	306	311	280	269	220	246	242	228	197
2024-25	2019	560	400	381	357	334	319	304	287	298	271	231	217	243	229	197

I									
	PK-	12 total	∣ PK	-5th	6th	ı-8th	9th-12th		
School Year	TOTAL	% Change	PK-5 Total	% Change	6-8 Total	% Change	9-12 Total	% Change	
2014-15	4,527	-3.0%	2,505	-4.3%	933	0.5%	1,089	-3.0%	
2015-16	4,462	-1.4%	2,459	-1.9%	933	0.0%	1,071	-1.7%	
2016-17	4,401	-1.4%	2,429	-1.2%	940	0.8%	1,032	-3.6%	
2017-18	4,377	-0.6%	2,435	0.2%	920	-2.2%	1,022	-1.0%	
2018-19	4,310	-1.5%	2,403	-1.3%	905	-1.6%	1,002	-2.0%	
2019-20	4,264	-1.1%	2,369	-1.4%	903	-0.3%	993	-0.9%	
2020-21	4,233	-0.7%	2,371	0.1%	868	-3.8%	994	0.1%	
2021-22	4,184	-1.2%	2,358	-0.6%	847	-2.4%	979	-1.5%	
2022-23	4,137	-1.1%	2,341	-0.7%	827	-2.3%	969	-1.1%	
2023-24	4,101	-0.9%	2,304	-1.6%	860	4.0%	937	-3.3%	
2024-25	4,068	-0.8%	2,291	-0.5%	856	-0.6%	921	-1.7%	
1st 5-Yr Percent Change	-5.8%		-5.4%		-3	.3%	-8.8%		
2nd 5-Yr Percent Change	-4.6%		-3.	3%	-5	.2%	-7.3%		





Next Steps...

- February Meeting
 - Probable Cost Estimates for Middle School
 - Fit-Out of Cutler & West Side with Cost Estimates
- Additional February Meeting– Further Discussion of Options Refinement
- March Development of Public Survey & Consensus Building
- April Survey Results, Evaluate Course of Action Refinement if necessary
- May –SFITF Recommendations

